



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 1723-14140US02)

Application of:

Jesse R. Miller, *et al.*

Serial No.: 10/731,300

Filing Date: December 8, 2003

Examiner: John M. Corbett

Group Art Unit: 2882

For: METHOD AND APPARATUS
FOR X-RAY DIFFRACTION
ANALYSIS

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CERTIFICATE OF MAILING
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I hereby certify that this correspondence is
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Amendment, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-
1450, on February 13, 2006.

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By: Michael B Harlin
Michael B. Harlin
Reg. No. 43,658
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AMENDMENT AND RESPONSE TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Amendment and Request for Reconsideration in response to the Office Action of August 11, 2005. This response is timely filed as the Office Action provided three months for response, and a Petition for a Three Month Extension is enclosed. Applicants request reconsideration based on the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 4 of this paper.